

**AMENDMENTS TO THE SPECIFICATION**

1. Please replace paragraph [0015] of US Patent Application Publication No. 2005-0169483 A1 (US Application No. 10/772,528) with the following amended paragraph:

[0015] In one embodiment, the integral self-calibration system is included in a "self-descriptive microphone array," as described in a copending patent application entitled "SELF-DESCRIPTIVE MICROPHONE ARRAY," having a filing date of ~~TBD~~ 9 February 2004, and assigned Application Serial Number 10/775,371 ~~TBD~~, the subject matter of which is incorporated herein by this reference. In this embodiment, the integral self-calibration system operates automatically either upon connection of the self-descriptive microphone array to the external computing device, upon regular or user-specified intervals, or upon command. In this embodiment the injection of pulses, readings of the preamplifier outputs, and computation of the frequency analysis, are all performed by driver software residing in the external computing device connected to the microphone array.

2. Please replace paragraph [0066] of US Patent Application Publication No. 2005-0169483 A1 (US Application No. 10/772,528) with the following amended paragraph:

[0066] The integral self-calibration system described herein is applicable for use with most types of microphones or microphone arrays. Further, in one embodiment, the integral self-calibration system is included in a "self-descriptive microphone array," as described in a copending patent application entitled "SELF-DESCRIPTIVE MICROPHONE ARRAY," having a filing date of ~~TBD~~ 9 February 2004, and assigned Application Serial Number 10/775,371 ~~TBD~~, the subject matter of which is incorporated herein by this reference. In this embodiment the injection of pulses, readings of the preamplifier outputs, and computation of the frequency analysis, are all performed by driver software residing in the external computing device connected to the microphone array.